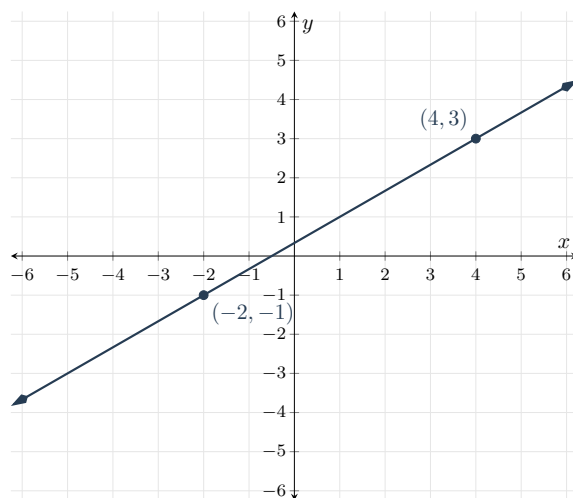


**Exercise 1** The graph of a line is given below.



- (a) The line parallel to this graphed line, which passes through the point  $(3, 1)$  has equation in point-slope form given by  $y - \boxed{1} = \boxed{2/3} (x - \boxed{3})$ .
- (b) The line perpendicular to this graphed line, which passes through the point  $(-2, 3)$  has equation in slope-intercept form given by  $y = \boxed{-3/2} x + \boxed{0}$ .
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